

Bridgeton Avenue Ground Water Contamination

Bridgeton, Morton & Landis Avenues

Deerfield Township Cumberland County

BLOCK: Various **LOT:** Various

Community Relations Coordinator: Amanda Coombs (609) 341-3118

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This ground water contamination site is centered near the intersection of Landis Avenue and Morton Avenue in Deerfield Township, but extends into Pittsgrove Township in Salem County. Sampling of noncommunity public water systems by NJDEP's Bureau of Safe Drinking Water in 2000 revealed the potable wells at two commercial establishments in this area were contaminated with 1,2,3-trichloropropane at levels exceeding New Jersey's drinking water guideline for this compound. In 2001, NJDEP's Remedial Response Element identified 29 additional private potable wells at residential and commercial properties in the area that exceeded the drinking water guideline for 1,2,3-trichloropropane and three private potable wells that exceeded the New Jersey Drinking Water Standard for mercury. The source of the contamination is unknown. Point-of-Entry Treatment (POET) systems were installed on the wells with funds provided by NJDEP as an interim measure to supply potable water for the occupants. The Remedial Response Element plans to sample additional nearby private potable wells during 2003 and will use the findings to delineate the Currently Known Extent (CKE) of the potable well contamination and evaluate long-term water supply alternatives for the area.